

SUMMER SPRINGBOARD
Look Inward. Go Upward.

Mechanical Engineering Infosheet

New student admissions for Summer 2027 are open

2-Week Course

This is a two-week program where you'll focus on one course for the entire duration.

Program Highlights

- Develop an understanding of fundamental mechanical engineering principles.
- Collaborate with other students on design projects that challenge your problem-solving skills and creativity.
- Gain hands-on experience through laboratory experiments and design projects.
- Explore the wide-ranging applications of mechanical engineering across various industries.
- Discover a wide range of career options within the mechanical engineering field and explore the impact of this profession on various industries.

Academic Program Overview

Do you have a passion for engineering, innovation, and problem-solving? Our Mechanical Engineering program offers you the opportunity to explore one of the most dynamic and versatile engineering fields. Over two weeks, you'll dive into the exciting world of Mechanical Engineering, gaining a strong foundation in key concepts, participating in hands-on projects, and discovering the limitless potential of this field.

Excursions

Students will take engineering beyond the classroom through hands-on projects, guest speakers, demonstrations, and site visits that bring mechanical engineering to life. By connecting with engineers and exploring places where innovative products and technologies are designed, built, and tested, students will discover how mechanical engineering solves real-world problems and gain an inside look at the exciting possibilities of an engineering career.

2027 Dates

Georgia Tech
- Session 1: June 13 - June 25

UC San Diego
- Session 3: July 11 - July 23

Berkeley
- Session 7: July 25 - August 06

Instructors

Georgia Tech - Ben Davis

Ben Davis is an Assistant Professor in the College of Engineering at the University of Georgia. He leads the Dynamic Devices and Solutions Lab, which houses the only high-speed water tunnel in the Southeast—unique in its focus on fluid-structure interaction research. Prior to his academic career, Dr. Davis spent six years at NASA's Marshall Space Flight Center as a propulsion structural dynamics and acoustics analyst. His professional and research expertise encompasses structural vibration, acoustics, acoustic-structure interaction, nonlinear dynamics, fluid-structure interaction, and elastic stability. He earned a B.S.E. from Duke University, an M.S. from Georgia Tech, and a Ph.D. from Duke University, all in Mechanical Engineering.

Berkeley and UC San Diego - TBA

Tuition Information:

Apply by November 30 to lock in the lowest prices of the year. Tuition increases on December 1.

Residential Students:

- **Includes:** all meals, lodging, excursions, academic course, weekend excursions
- **Excludes**: optional airport pickup and drop off service (available for an additional fee)
- **Price**:
  - Berkeley: $6,298
  - UCSD: $5,998
  - Georgia Tech: $5,798

Commuter Students:

- **Includes:** lunch, academic course, excursions, programming from 9am to 5:15pm, Monday-Friday
- **Excludes:** lodging, breakfast, dinner, weekend excursions
  - Weekend excursions can be added on for $125 per day
- **Price**: $3,298

Supplements:

- **Application fee**: Starting at $99 (mandatory, non-refundable)
- **Mechinal Engineering Course Supplement**: $250 (mandatory)
- **Tuition Protection Plan**: Allows for cancellation for any reason up until the day of the program. Click here for more info.

Course Structure

There are nine 3-hour class sessions over the two-week course. During week one, students have class from 9am-12pm Monday - Friday. During week two, students have class from 9am-12pm Monday through Thursday. Afternoons in both weeks are dedicated to students' preferred College Readiness Workshops (CRW), True You, and Academics in Action, with Academics in Action including academic excursions, guest speakers, and course-related activities, such as an instructor-led project or student-led, independent study.

Typical Schedule

8AM	Breakfast
9AM	Academic Course / Commuter Student Arrival
12PM	Lunch
1:30PM	Academics in Action or Recreational Activity
3:30PM	CRWs, True You, or Academics in Action
5-5:15PM	Commuter Student Departure
6PM	Dinner
7PM	Clubs
10:30PM	Night Checks

Schedule above is a sampler; real schedules may vary based on program and academic track.

More info on Airport Transfer

More info on Unaccompanied Minor Service

Apply Now!

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